

2019-2020 BTM Course Descriptions

WORLD LANGUAGE

Course Information	Course Description	Materials
<p>MS Spanish (7th-8th) \$350 plus \$35 copy fee Yadira Segura Guatetutor@gmail.com</p>	<p>Students in this class will continue to focus on the four key areas of foreign language study: listening, speaking, reading, and writing. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged and become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, and take frequent assessments where their language progression can be monitored.</p> <p>This class is geared to students who have completed Introduction to Spanish. However, if they are in 8th grade and it is their first time taking a foreign language, they are required to complete an Intro to Spanish summer package alongside quizzes and 2 tests during the summer to help prepare them. (Fees will apply)</p>	<p>Text: TBD</p> <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> ● 1" 3-ring binder ● Pen (red and blue) ● Pencil ● Color pencils ● Highlighter
<p>Spanish 1 (9th-11th) \$350 plus \$35 copy fee Yadira Segura Guatetutor@gmail.com</p>	<p>Spanish 1 begins with a detailed review of Intro and MS Spanish grammar. There is an emphasis on increasing opportunities to use the language through speaking, writing, reading and listening. Students will learn new and advance vocabulary and grammar necessary for more sophisticated readings and more complex dialogues. Students will be engaged in a variety of activities to foster a better understanding of the language. Listening skills are developed using teacher and peer conversations as well as adding enrichment</p>	<p>Text: TBD</p> <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> ● 1" 3-ring binder ● Pen (red and blue) ● Pencil ● Color pencils ● Highlighter

	through cultural comparisons and perspectives of various Spanish speaking countries.	
<p>Spanish 2/Conversational Spanish (9th-12th) \$350 plus \$35 Copy Fee Yadira Segura Guatetutor@gmail.com</p>	<p>Spanish II is big step up in level and pace. Students will learn with increasing complexity how the language works and will soon be able to understand, read, write and speak in complex, descriptive, and interesting sentences. They will be able to write more complex paragraphs using vocabulary and grammar learned in each quarter. In regular class sessions students will do small group activities, class projects and presentations. By the middle of the semester they are expected to be able ask more questions in Spanish than in English. Students will be participating in special projects related to culture or grammatical topics. Each student will be assigned to research and make or create presentations on a particular lesson/culture.</p> <p>PREREQUISITE: Spanish 1 or Successful Completion of a Proficiency Test.</p>	<p>Text: Breaking the Spanish Barrier Level 2(Please buy CD as well) Textbook price is \$49.50 and about \$20 for the CD. (We will order in bulk in order to save shipping.)</p> <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> ● 1.5" 3-ring binder ● Page protectors ● Pen (red and blue) ● Pencil and color pencils ● Highlighter ● Glue, Scissors, Index Cards ● Laptop or tablet
<p>French 1 (9th-12th) \$350 plus \$35 copy fee Lisa Cash lahcash@gmail.com</p>	<p>This beginner's course introduces students to the basics of French vocabulary, pronunciation, and grammar. Language is taught in a natural and fun way by use of bookwork, videos, and games. Classroom activities and homework assignments are designed to expand vocabulary and reinforce grammar and spelling while developing reading and writing skills. Short situational dialogs are used to encourage communication and self-expression. Students will develop an acceptable level of proficiency in four basic skills – listening, speaking, reading, and writing, which will prepare them for French 2. In addition, pupils will develop an awareness and</p>	<p>Text: TBD</p> <p>Supplies and Equipment:</p>

	<p>appreciation of the culture of France and other francophone countries. This course is designed for 8th-12th graders with minimal or no prior knowledge of French. A solid foundation in English grammar is strongly recommended.</p> <p>PREREQUISITE: None.</p>	
<p>French 3 (9th-12th) \$350 plus \$35 copy fee Lisa Cash lahcash@gmail.com</p>	<p>French 3 builds upon language skills and vocabulary learned in French 1 and 2. In this immersion course, students continue to develop their proficiency in speaking, listening, writing and reading, with the goal of preparing for the AP French exam. Students will understand oral and written messages in French and will make level appropriate oral and written presentations. They will communicate on a variety of topics using complex structures, moving from concrete to more abstract concepts. Students will comprehend the main and supporting ideas of authentic materials that they read and hear. During class time, they should expect to engage in group and pair work, and to actively participate in class. Each week consists of a new vocabulary theme and grammar concept; numerous interactive activities designed to reinforce vocabulary and grammar; reading and listening comprehension activities; speaking and writing activities; and multimedia presentations that explore the culture of France and other French-speaking countries.</p> <p>PREREQUISITE: French 2 or Successful Completion of a Proficiency Test.</p>	<p>Text:</p> <p>Supplies and Equipment: Course binder; Access to a computer or smartphone</p>

ENGLISH

Course Information	Course Description	Materials
<p>MS English Creative Writing and Grammar (7th-8th) \$350 + \$20 copy fee Trina Ferguson Fergusonfamily02@yahoo.com</p> <p>*The cost of the final project (printed color magazine) is included in the tuition. However, if additional copies are requested, there will be an additional fee.</p>	<p>This course will use “Cover Story,” a creative writing curriculum that focuses on “short stories, poems, non-fiction articles, letters and many other creative pieces over the course of one school year.” Habakkuk 2:2 reads, “Then the Lord replied, ‘Write down the vision and make it plain on tablets so that a herald may run with it.’” Using Creative Writing, this course will encourage students to make their writing clear so that anyone, including themselves, can “run with it” and use it for greater purposes. In this class, the students at the end of the year, will be able to compile their creative works into a color printed magazine. This will not only give the students a goal to work towards, it will also be a great addition to their college/career resume. Students will use their own writings in class to make artwork, do short skits, even write music to show each other how to make their writing clear and creative so that they can turn their writing into another form of art. Field trips, as well as appearances from guest authors, editors, and publishers, will be added to enhance the creative writing experience.</p> <p>PREREQUISITE: This class is geared more towards 7th and 8th graders who have a strong writing and grammar foundation. Grammar is included in this course; however, the assumption is that students have a solid grammar background.</p>	<p>Text: <u>Cover Story Student Kit</u> Includes:</p> <ul style="list-style-type: none"> ● Student Book ● The Remarkable Journal of Professor Gunther Von Steuben <p>https://clearwaterpress.com/coverstory/</p> <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> ● Course Binder (supplied by tutor) ● Text book & Journal (every class) ● Access to a computer ● Some art supplies (as needed) ● Basic supplies such as pens, pencils, erasers, etc.
<p>MS English 2 (7th-8th) \$350 + \$20 copy fee</p>	<p>Middle School English uses curriculum published by Institute for Excellence in Writing and other material to provide middle school students a solid grammar and</p>	<p>Text: -Student Resource Packet</p>

Nicole Green
NicoleKennedyGreen@gmail.com

writing foundation. Using tutor-provided source texts, students will learn outlining skills to form the basis of expository essays, creative pieces, and a research report. Additionally, students will discover methods to add style to their writing as they employ a variety of sentence openers, strong verbs, quality adjectives, other essay decorations, and dress-up techniques. Multiple sentence structures will be explored and practiced with the associated grammar instruction necessary to write sentences with appropriate word usage and punctuation. With editing practice from The Critical Thinking Company's Editor in Chief curriculum, students will learn to find and correct errors and are then encouraged to immediately apply their new grammar knowledge in the context of their own writing. Students will actively seek to understand other perspectives and cultures through reading, class discussions, and individual project assignments based on literature which will also serve as models to improve writing skills and sources from which lists of previously unfamiliar vocabulary are derived. Selections to include a memoir, novel, short stories, tutor-provided poetry selections, and one of Shakespeare's plays.
*Some reading may be required over Christmas Break.

<https://www.iew.com/shop/products/student-resource-packet-pre-order>

- Editor in Chief, Level 2

<https://www.criticalthinking.com/editor-in-chief-level-2.html>

Literature:

-Selection of poems compiled by tutor

-Selected Short Stories compiled by tutor

-FOUR full length works chosen from the following list:

- A MidSummer Night's Dream
 - Ghost
 - The Wednesday Wars
 - I Am Malala
 - The Boy Who Harnessed the Wind
 - The Outsiders

Supplies and Equipment:

- A 1 to 1 1/2 inch, 3-ring binder with lined paper (Trapper Keeper/zipper styles help students keep all their materials together)
- 3 subject dividers
- One 2 pocket folder to hold graded papers, literature assignments and poetry handouts. (3-hole punched, Trapper Keeper

		style folders work well with any binder).
<p>High School World Literature and Composition (9th-12th) \$350 plus \$35 supply fee Michele Herring michele.herring@hotmail.com</p>	<p>This course will cover some sampling of literature from authors around the globe. Analytical discussions and Socratic circles will be routine. An essay will be written to accompany each piece of literature and a research paper will be required in 2nd Semester. We will learn how to write effectively by using a blend of IEW and Lost Tools of Writing techniques. Books will be analyzed so the student can recognize genre, theme, literary devices, and motifs. Mastery of the 5 paragraph persuasive essay is the main goal of this class. Vocabulary worksheets will accompany every piece of literature in order to complement and expand the student's understanding of more advanced words. Lastly, we will cover poetry with a poetry pack that I will create.</p>	<p>Text: TBD but will include <i>Much Ado About Nothing</i>, <i>Pygmalion</i> (My Fair Lady), <i>Cyrano de Bergerac</i>, 2 more literature books, and 2 short stories (one by Stephen Crane and one by Ray Bradbury)</p> <p>Supplies and Equipment: 1 inch binder Lit & Comp Folder (Tutor will supply)</p>
<p>High School African American Literature and Culture (10th-12th) \$350 + \$20 copy fee Nicole Green NicoleKennedyGreen@gmail.com</p>	<p>This class explores the traditions of African American literature through poetry, short stories, speeches, drama, novels, songs, slave and emancipation narratives, essays and other primary documents. Students will engage in a variety of learning experiences through various audio/visual resources and multimedia technologies designed to cultivate an understanding of the African American experience and culture. Coursework will include reading, analyzing, and critically responding to texts in class discussions, short answer quizzes, and full length essays. Moreover, students will be invited to join the tutor on excursions to cultural sites throughout the DC metropolitan area. Students who take advantage of these opportunities will earn honors distinction for this course and for their transcripts by contributing to a class blog where they will reflect upon and share their experiences, and by</p>	<p>Text: African American Lit & Culture Packet (poetry, short stories, essays and speeches) compiled and purchased from Mrs Green: \$15 printed and spiral bound</p> <p>The following books may be purchased:</p> <ul style="list-style-type: none"> ● Narrative of the Life of Frederick Douglass, An American Slave by Frederick Douglass ● Up From Slavery by Booker T. Washington ● A Raisin in the Sun by Lorraine Hansberry

	<p>completing a final project of their own design that will encapsulate their interaction with and understanding of the subject matter.</p> <p>Limited to grades ten through twelve, African American Literature and Culture is for mature students who are able interact respectfully with classmates, read challenging material, and participate in class discussions that may at times be difficult or uncomfortable.</p> <p>*Some reading will be required over the summer and Christmas Break.</p>	<p>Supplies and Equipment: 1 inch binder</p>
<p>HS Literary Analysis & Research Writing (10th-12th) \$350 plus \$35 class fee Dawn Bernhardt lights4him@gmail.com</p>	<p>This class is designed to prepare students for college academic writing. With step-by-step instructions, students will read, infer, analyze and write about literature. Consequently, this course requires students to reflect, research, and write much more than most. Instruction is presented in manageable increments with examples and models so students know what is expected and how to complete each assignment. Reading selections include short stories and are not all from a Christian viewpoint. A variety of viewpoints are reflected, giving students the opportunity to develop discernment as they learn to analyze the worldview of each author. Students learn to analyze, but they also practice writing using the elements or devices emphasized in each lesson. In addition, students receive step by step instructions for writing a research paper. The students will write one research essay with step by step instruction and one on their own. Even though the reading assignments are not lengthy, this is still a challenging course. The level of vocabulary and thought required is demanding.</p> <p>*10th graders need prior approval from tutor</p>	<p>Text: -<i>IEW Windows to the World</i> Student Book -<i>IEW Writing Research Papers: The Essential Tools</i></p> <p>Supplies: -1 inch binder with tabs -6-8 highlighters of different colors -Notebook paper</p>

<p>HS Grammar and Composition (9th-12th) \$350 plus \$35 class fee Dawn Bernhardt lights4him@gmail.com</p>	<p>Using the three Canons of Classical Rhetoric of Invention, Arrangement, and Elocution, students will learn to solve common writing challenges and bring their writing to life. Students begin with a basic persuasive essay and progress to a complete persuasive/ argumentative essay. By using a blend of <i>IEW</i> and <i>Lost Tools of Writing</i> techniques, students will learn to write effectively The students will decide on individual issues to address and prove or compare and advocate from short stories and current events. In addition, students will walk through the process of writing a research essay step by step. New grammar skills and editing skills will be taught using <i>IEW's Fix It Grammar</i>. The skills learned will be implemented into the students writing.</p>	<p>Text: -<i>Lost Tools of Writing Level 1</i> Student Book -<i>IEW Fix It The Little Mermaid</i> Student Book (This level book is an excellent book to repeat if your student has already completed it. The concepts in the book are important to master. Please purchase a new student book.) -<i>IEW Fix It The Little Mermaid</i> Teacher Manual (Required) -Reading Materials TBD</p> <p>Supplies: 1 inch binder with tabs 6-8 different colored highlighters</p>
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SOCIAL SCIENCES

Course Information	Course Description	Materials
<p>MS The American Republic American History (6th-8th) \$350 plus \$20 supply fee Jenny Simonson jennynab@hotmail.com</p>	<p>Join us as we explore American History! The <i>American Republic</i> leads students on a tour of our nation's history starting with the first interactions between Native Americans and European explorers and ending with present day America. Students will be encouraged to analyze present events based on knowledge of our nation's past, using text, illustrations, art, and photographs. Student learning will be supported with mapping activities, engaging projects, primary-source readings, discussions and chapter reviews to help prepare for tests.</p>	<p>Text: American Republic Student Text (4th ed.) 515841</p> <p>American Republic Student Activity Manual (4th ed.) 298380</p>
<p>MS Social Studies (6th-8th) \$350 plus \$20 supply fee</p>	<p>During the first semester we will use the <i>Uncle Sam and You Part 1</i> text. Students will be immersed in learning about civics and government, with lessons focusing on</p>	<p>Text: Uncle Sam and You Part 1, Notgrass. ISBN-13: 9781609990466</p>

<p>Jenny Simonson jennynab@hotmail.com</p>	<p>America's founding documents, branches of government, patriotic symbols, voting, the election process, Washington D.C., the presidency, how Congress works, American holidays, and aspects of federal, state, and local government. <i>Uncle Sam and You Part 2</i> will be used for the second semester. Students will continue to learn about civics and government, with lessons focusing on the US military, local government, Native American Tribal Government, Homeland Security, the economy, technology & communication, education, tourism, and more. <i>OPTIONAL: The Citizen's Handbook</i> includes a collection of primary sources such as letters, memoirs, speeches, articles, songs, and poems.</p>	<p>Uncle Sam and You Part 2, Notgrass. ISBN-13: 9781609990473</p> <p>Uncle Sam and You Lesson Review, ISBN-13: 9781609990497</p> <p><i>Optional:</i> The Citizens' Handbook, Notgrass. ISBN-13: 9781609990480</p> <p>Supplies and Equipment: TBD</p>
<p>American Government (10th-12th) \$350 plus \$35 supply fee Michele Herring michele.herring@hotmail.com</p>	<p>A year-long high school class that covers Federal, state, and local government with a special emphasis placed on the Biblical basis for government and the U.S. Constitution. Additional topics include discussing and analyzing weekly current events, following the presidential nominees, memorizing sections of American documents as well as in depth analysis of the documents. US Government will count for 1 credit of government/civics.</p>	<p>Text: Notgrass 2016 edition of Exploring Government, We Hold These Truths, and Student Review Book</p> <p>Supplies and Equipment: 1 inch binder History Folder (Tutor will supply)</p>
<p>High School World History (& optional Geography) (9th-12th) \$350 World History alone, 1 credit. \$525 for both World History and Geography, 1.5 credits. plus \$35 class fee Dawn Bernhardt</p>	<p>World History and Geography explores the people, events, and ideas that have shaped history from the creation to the present day. We will discuss traditional historical events and how they fit into the Biblical timeline discovering how God's Word is authenticated throughout history. Students will be challenged to think critically by reading and researching with specific questions in mind as they read. In answering these questions, students learn a step-by-step process for</p>	<p>Text: Exploring World History 1 (2014 ed) ISBN-10: 1609990617 ISBN-13: 978-1609990619 Exploring World History 2 (2014 ed) ISBN-10: 1609990625 ISBN-13: 978-1609990626 Notgrass</p>

<p>lights4him@gmail.com</p>	<p>evaluating evidence, arranging historical data, developing arguments and writing effective essays. Students will be exposed to primary source documents that are the foundation for the historical analysis found in textbooks and other secondary source materials. These documents include letters, poems, songs, novels, and pictures that enliven the past and cause history to be relatable to the modern student. By analyzing the sources, thinking about cause and effect and relative importance, and discussing their research and ideas with others, the students will move to a much deeper level of thinking and understanding which in turn brings history to life and will assist them in recalling the information later. In addition, students will apply knowledge of world history to various creative project assignments including a powerpoint presentation, oral research report, and more.</p>	<p>Supplies and Equipment: TBD</p>
<p>High School American History 2 (9th-12th) \$350 plus \$35 supply fee Michele Herring michele.herring@hotmail.com</p>	<p>This year long course covers American History beginning with the Industrialization age and ending with Modern America. We will use the Notgrass series books including Exploring America Part 2 and American Voices. Memorization of key facts as well as completing a timeline is required. Additionally, there will be a project for each semester.</p>	<p>Text: Notgrass Exploring American History Part 2, American Voices, and Student Review Book for Am Hist Part 2</p> <p>Supplies and Equipment: 1 inch binder History Folder (Tutor will supply)</p>

MATH

Course Information	Course Description	Materials
<p>MS Math 7 (7th) \$350 Cherisse Bracey email micher2708@gmail.com</p>	<p>This is a 7th grade math class that will review basic math skills and expand on concepts introduced in 6th grade like compound interest, representations of data, permutations and combinations. It will also introduce basic geometry and basic algebra in preparation for 8th grade math. Students should have successfully</p>	<p>Text: Horizons Pre Algebra Student Book ISBN: 0740322443 ISBN-13: 9780740322440</p> <p>Supplies and Equipment:</p>

	completed 6th grade math and will need to take a readiness test to ensure proper placement.	ruler, protractor, graph paper - as needed
Pre-Algebra (8th-9th) \$350 + \$10 copy fee Kym Kent carlkentfamily@gmail.com	In this class, which is geared for 8th grade students and above, all 123 lessons of Saxon Algebra 1/2, which is a Pre-Algebra class that also incorporates elementary geometry, will be fully covered. Students entering this class must have successfully completed 7th grade math or equivalent with a grade of C or better, and may be required to complete an assessment to ensure proper placement. Over the summer, a five-week prep class will be offered. Please contact the tutor directly for information regarding summer prep.	Text: Saxon Algebra ½ (3rd Edition) Saxon Algebra ½ Test Packet (3rd Edition) Supplies and Equipment: Protractor Calculator (to be used ONLY when specified by the tutor or text)
Algebra 1 w/Geometry (9th-12th) \$350 + \$10 copy fee Kym Kent carlkentfamily@gmail.com	In this class, which is geared towards 9th grade students and above, all 120 lessons of Saxon Algebra 1 will be fully covered. Students entering this class must have successfully completed a Pre-Algebra class with a grade of C or better, and may be required to complete an assessment to ensure proper placement. This course also offers a study group immediately following class during 7th period. This study group is strongly recommended for those new to Saxon Math. Additionally, over the summer, a five-week prep class will be offered, which is also strongly recommended for students new to Saxon. Please contact the tutor directly for information regarding summer prep.	Text: Saxon Algebra 1 (3rd Edition) Saxon Algebra 1 Test Packet (3rd Edition) Supplies and Equipment: Calculator (to be used ONLY when specified by the tutor or text) A graphing calculator will be used towards the end of the school year, and if students will continue on to Algebra 2 and beyond, this will be necessary for those classes.
Geometry (9th-12th) \$350 + \$35 copy fee Cathy Kolb cathy.kolb@yahoo.com	This class has been designed for those students who have taken Algebra with or without Geometry. This class may be taken in addition to Algebra with Geometry classes or as a stand-alone course. It depends on how you design your math curriculum.	Text: Geometry, Copyright @ 2001 by Holt, Rinehart and Winston, ISBN 0030522196 (NOTE: I will provide answer key to parents by email) Supplies and Equipment:

	Also, any students who would like to focus more on Geometry concepts and terms for various reasons may want to take this class.	2-2½” Binder with a pocket in front/back -package of insertable tab dividers for binder -loose leaf paper (LOTS) -graph paper (as needed) -protractor and compass
Algebra 2 w/Geometry (9th-12th) \$400 Cathy Kolb cathy.kolb@yahoo.com	<p>This class covers traditional second year algebra course material along with key concepts of geometry. Major topics include solving and graphing of linear and quadratic equations, factoring, a variety of types of word problems, solving simultaneous equations, concepts of roots of quadratic equations, complex numbers, solving systems of nonlinear equations, graphing and solving a system of inequalities and trigonometric ratios. This class will meet for 1 ½ hrs. on Tues. & Thur. Immediately following class there will be an optional 30-minute study session to review homework problems and ask questions. (This is included with the course.) Students may earn 1/2 Geometry credit with their Algebra II credit upon completion of the course.</p> <p>Prerequisite: Students must have completed Algebra I and Geometry or Algebra I with Geometry and maintained a C average in either class to take this course.</p> <p>*Please note the length of the time slot on the schedule for this class.</p>	<p>Text: Saxon Algebra 2 (2nd or 3rd Edition - the content is identical, but 3rd Edition has index/reference numbers on the problems)</p> <p>Supplies and Equipment: -TI 83 (or higher) graphing calculator -protractor, ruler, compass -loose leaf paper or notebook</p>
Algebra 2 (9th-12th) \$350	This is an Algebra 2 course that continues of concepts introduced in Algebra 1. Students will continue the study of functions, statistics and will be introduced to	<p>Text: TBD</p>

<p>Cherisse Bracey email: micher2708@gmail.com</p>	<p>basic Trigonometry. Upon completion of this course, students will need to complete a course in Geometry before attempting Saxon Advanced Math. Prerequisite: To be successful in this class, students must have completed Algebra 1 with a C average.</p>	
<p>Advanced Math (11th-12th) \$525 Chadren Aten chadren78@gmail.com</p>	<p>Students will conclude their discussion of Geometry, further investigate non-linear concepts and study Trigonometry topics. They will be using the Saxon Advanced Math textbook. Students may earn ½ Geometry credit with their Advanced Math credit upon completion of the course. Students with a full Geometry credit when entering this class, may earn honors credit for this course. This class runs for 1 ½ hours on Tues. and Thurs.</p> <p>Prerequisite: Students must have Algebra II and Geometry or Algebra I with Geometry and Algebra II with Geometry and maintained a C average in Algebra II in order to take this course.</p> <p>*Please note the length of the time slot on the schedule for this class.</p>	<p>Text: Advanced Math by Saxon, 2nd edition ISBN 978-1565770393 <i>*Please make sure to purchase the 2nd edition of this text.</i> <i>*Please do NOT purchase the "homeschool packet" for this course.</i></p> <p>Supplies and Equipment: -TI 83 (or higher) graphing calculator -protractor, ruler, compass -loose leaf paper or notebook</p>

SCIENCE

Course Information	Course Description	Materials
<p>Physical Science (8th-9th) \$350 + \$30 lab fee Christina Rafter chrstnrfr@gmail.com</p>	<p>This course combines earth science and physics to provide a rigorous last year of middle school science or a first year of high school science. This course discusses such topics as the atmosphere, the hydrosphere, weather, the structure of the earth, environmentalism, the physics of motion, Newton's Laws, gravity, and astrophysics. There are many hands-on experiments to do and it is an excellent course for preparing the</p>	<p>Text: Exploring Creation with Physical Science 2nd ed. Exploring Creation with Physical Science Tests and Solutions 2nd ed.</p> <p>Supplies and Equipment: TBD</p>

	student to take a college-prep high school science curriculum.	
Biology (9th-12th) \$350 + \$30 lab fee Christina Rafter chrstnrfr@gmail.com	This course is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. With a strong emphasis on vocabulary and experiments, the course provides the student with a solid background in biology which is presented in a readable, conversational tone. Labs will include becoming familiar and proficient with the microscope as well as multiple dissections and other engaging hands on activities.	Text: Exploring Creation with Biology 2nd ed. Exploring Creation with Biology Tests and solutions 2nd ed. Supplies and Equipment: TBD
Chemistry (9th-12th) \$350 + \$50 lab supply & copy fee Cherie Roberts wowsci1317@gmail.com	The chemistry course will cover fundamental topics and concepts such as the classification of matter, atomic structure, spectroscopy, chemical bonding, molecular geometry, physical change, chemical change, stoichiometry, solutions, acid/base chemistry, reduction/oxidation reactions, thermochemistry, thermodynamics, kinetics, and chemical equilibrium. With only two hours of class time each week, students should be prepared to do 60% of the course work at home. Our weekly class time will generally be divided, with one class period being devoted to lab activities, and the other hour to concept review. An Internet-based system is used for many tests and assignments, thus by registering for this course you are agreeing to utilize this system for all designated assignments and understand that exceptions and alternatives will not be made available. Prerequisites: Algebra 1 (required, min. of B avg.) Note: Students lacking strong math skills and/or students who are not strong independent learners, are discouraged from taking this class due to the	Text: Discovering Design With Chemistry, Wile. ISBN: 978-0-9962784-6-1 Supplies and Equipment: TBD

	significance and intensity of the at-home portion of the workload.	
Physics (10th-12th) \$350 + \$30 lab fee Christina Rafter chrstnrfr@gmail.com	<p>This is a college-prep physics course designed for the student who has completed Algebra 2 and Geometry and has had an introduction to the definitions of sine, cosine, and tangent. It provides a detailed introduction to the methods and concepts of general physics, heavily emphasizing vector analysis.</p> <p>Prerequisites: Alg. 2 and Geometry, or a consultation with the tutor.</p>	<p>Text: Exploring Creation with Physics 2nd edition Exploring Creation with Physics Tests and Solutions 2nd edition</p> <p>Supplies and Equipment: TBD</p>
Marine Biology (9th-12th) \$350 + \$30 lab fee Christina Rafter chrstnrfr@gmail.com	<p>This course concentrates on marine wildlife and marine habitats. It provides a survey of members of each biological kingdom that live in marine environments. The student will learn about the microscopic organisms that make life in the ocean--and on land--possible, including details about their interesting habits and life cycles. This course can be taken before or after biology.</p>	<p>Text: Exploring Creation with Marine Biology (either edition) Exploring Creation with Marine Biology Tests and Solutions</p> <p>Supplies and Equipment: TBD</p>
Forensic Science (10th-12th) \$350 + \$50 lab supply & copy fee Cherie Roberts wowsci1317@gmail.com	<p>High School Forensic Science is an advanced-level science course for students in grades 10 – 12. This course is truly a “capstone” science class, in that it combines knowledge and skills in biology, physical science, chemistry, earth science, and even biblical apologetics, as we learn about and practice real life skills of forensic investigation. In today’s popular television programs about criminal justice and crime scene investigation, students often have a passion for exploring forensic science. This course offers a truly experiential approach that engages them in active learning and emphasizes the application of integrated science. The class balances extensive scientific concepts with hands-on classroom and lab activities, readings,</p>	<p>Text: Forensic Science: Fundamentals and Investigations, 2nd ed, Bertino & Bertino, ISBN-13: 978-1305077119 (students must have the 2nd edition in either print or electronic format)</p> <p>Cold Case Christianity: A Homicide Detective Investigates the Claims of the Gospels, J. Warner Wallace, ISBN-13: 9781434704696 (book or electronic format are acceptable)</p>

	<p>video documentaries, and intriguing case studies. Alongside the text and lab activities, students will be reading at least one book written by J. Warner Wallace, a former atheist, LA police officer, and detective. His unique apologetic books speak to readers' intense interest in detective stories, and inspire readers to have confidence in Christ as it prepares them to articulate the case for Christianity. An Internet-based system is used for many tests and assignments, thus by registering for this course you are agreeing to utilize this system for all designated assignments and understand that exceptions and alternatives will not be made available.</p> <p>Prerequisites: Biology (required, min. B avg.) Algebra 1 (required, min. B avg.) Physical Science or Physics (highly recommended) Chemistry (highly recommended)</p> <p>NOTE: This is an UPPER level science class involving a lot of reading, writing, and analysis. Students lacking strong reading and writing skills are discouraged from taking this class.</p>	<p>God's Crime Scene: A Cold-Case Detective Examines the Evidence for a Divinely Created Universe, J. Warner Wallace. ISBN-13: 9781434707840 (book or electronic format are acceptable)</p> <p>Note about the forensic science text: There are two editions of the course text available, as well as an ebook edition. Although we will be using the 2nd edition in class, there are only a few differences in the two texts. Students may purchase either edition, or the ebook edition. I will provide supplemental information, as needed, to any student that has the older text.</p> <p>Supplies and Equipment: TBD</p>
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ELECTIVES

Course Information	Course Description	Materials
<p>High School Public Speaking (9th-12th) \$350 + \$30 copy fee Ginger Schollenberger vschollenberger@comcast.net</p>	<p>This course will cover the fundamentals of researching, writing, and delivering prepared speeches, as well as speaking with very little preparation. As the year progresses, we will also cover analyzing and using rhetorical devices, analyzing and critiquing speeches delivered by others, polishing delivery skills, and (optionally) preparing for competitive public speaking.</p>	<p>Text: NCFCA Curriculum Competitor's Handbook</p> <p>Supplies and Equipment: TBD</p>

<p>Middle School Public Speaking (6th-8th) \$350 + \$30 copy fee Ginger Schollenberger vschollenberger@comcast.net</p>	<p>This course will cover the fundamentals of researching, writing, and delivering prepared speeches, as well as speaking with very little preparation. As the year progresses, we will also cover analyzing and using rhetorical devices, analyzing and critiquing speeches delivered by others, polishing delivery skills, and (optionally) preparing for competitive public speaking.</p>	<p>Text: NCFCA Curriculum Competitor's Handbook</p> <p>Supplies and Equipment: TBD</p>
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